



# Work Order (Bid Form)

## WORK ORDER INFORMATION

**Work Order Name:** WO/10010MC-2723/1

**Work Order Type:** Weatherization

**Audit Name:** 10010MC-2723

## CLIENT INFORMATION

**Client Name:**

**Client ID:** 10010MC-2723

**Alt. Client ID:** WILSON

**Address:**

LEBANON, TN 37087

## AGENCY INFORMATION

**Agency:** Mid-Cumberland Community Action Agency

**Address:** (PO Box 310) 233 Legends Drive  
Lebanon, TN 37088

**Agency Phone:** (615) 742-1113

**Fax:** (615) 742-3911

**Email Address:**

**Agency Contact:** ROBINETTE, A. K.

**Work Phone:**

**Cell Phone:** (615) 476-8766

**Email Address:**

**Company Name & License Number:** \_\_\_\_\_

**Contractor's Signature:** \_\_\_\_\_

## COMMENT

AUDITOR:

A.K. ROBINETTE

615.476.8766

SITE BUILT IN 1950

TYPE: BRICK

SF:816

ALL WORK TO COMPLY WITH TWFG.

CONTRACTOR TO FOLLOW APPLICABLE CITY (OR COUNTY) DEPARTMENT OF CODES AND BUILDING SAFETY REQUIREMENTS; 2009 INTERNATIONAL RESIDENTIAL CODE WITH LOCAL AMENDMENT, INCLUDING ISSUANCE OF PERMITS AND INSPECTIONS AND 2009 IECC.

CERTIFIED FIRM/RENOVATOR REQUIRED.

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**Report Run On:** 10/10/2011

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**Version 8.6.0**

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## Measures

### Measure 1 Infiltration Redctn

### Components

Inspected

#### Comment INFILTRATION REDUCTION

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Pre-audit reading was 2350 CFM @ -50 pa

Target whole house leakage rate to be reduced to 1763 cfm at -50 pa to pass measure. Recommend the following air seals.

- 1 Seal all plumbing penetrations.
2. Perform general caulking around the interior and exterior windows and doors.
3. reglaze windows
4. Install light switch and receptacle gaskets, including replacement of missing covers
5. Weatherize exterior doors, including caulking, weatherstrip and door sweeps.
6. Liquid white Mastic to be applied to entire inside of boot to seal all seams. Top of boot where it meets subfloor to be caulked with appropriate caulk. Liquid Mastic to be applied to inside of return to seal all seams. Seal front of return box where it meets return register with appropriate caulk.

In Addition Contractor must replace pane in WD4, app. 8x10

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
10	Miscellaneous Su	Infiltration Reduction	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

#### Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:

Sub Total:

Field Notes:

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**Measure 2 User-Spec Ceiling R****Components** A1**Inspected**☐

**Comment** ATTIC BLOWN CELLULOSE. Install approx R-29 to improve total attic insulation to a total of a R-38.  
Insulate approx. 816 SF of Attic with Blown Cellulose.  
Includes labor cost. Contractor to install 1 ruler for every 300 SF of attic space showing depth of insulation. Build insulation dam around attic access and insulate per twfg. Insulate attic hatch to r-30 and weatherstrip to seal. Hatch must have locking device. Install baffles and dams to prevent loose fill insulation from entering soffitt and covering vent. Seal all holes, gaps and penetrations in attic before insulating, including boxes/dams and all b-vent pipe. Seal around chimney with sheet metal and high temperature silicone or fire resistant foam and install dam around chimney. Contractor to install using Resnet Grade 1 Standards.

Contractor's note: A. 2 attic access's one 19x23 and one 24 x 36  
B. App. 3 inches of existing insulation, add additional r-29  
for a total of r-38  
at completion of job.

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Attic Insulation - Blown Cellulose - R-29	SqFt	816	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Attic Insulation - Blown Cellulose - R-29	SqFt	816	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	Miscellaneous Su	Air sealing attic/ inc attic access	Each	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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**Measure 3 Lighting Retrofits****Components** LT1,LT2,LT3**Inspected****Comment**

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Lighting	Compact Fl. - 13 Watt	Each Lamp	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Compact Fl. - 13 Watt	Each Lamp	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	Lighting	Compact Fl. - 13 Watt	Each Lamp	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4	Labor	Compact Fl. - 13 Watt	Each Lamp	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
5	Lighting	Compact Fl. - 13 Watt	Each Lamp	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
6	Labor	Compact Fl. - 13 Watt	Each Lamp	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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**Measure 4 DWH Tank Insulation****Components****Inspected**

**Comment** HOT WATER TANK to TWFG standards.  
Insulate hot water tank with a minimum of r-8 insulation  
Includes labor cost. .

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#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Hot Water Equip	DHW Tank Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	DHW Tank Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Measure Sub Total:**  **Sub Total:**

**Field Notes:****Measure 5 DWH Pipe Insulation****Components****Inspected**

**Comment** HOT WATER PIPE INSULATIONas per TWFG standards.  
Insulate approx. the first 6 ft. of water pipes. Includes labor cost. All corners  
must be cut properly.

☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	DHW Pipe Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	DHW Pipe Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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**Measure 6 CO Monitor is Needed****Components****Inspected****Comment** Install 1 CO MONITORS☐

#	Material / Labor	Description / Comment	Units	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
	Health and Safety	Carbon Monoxide Detector w/ lithium battery	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Labor	labor		1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Measure Sub Total:****Sub Total:****Field Notes:****Measure 7 Practice Lead Safe Weatherization (Walls)****Components****Inspected****Comment** House built in 1950/ practice lead safe weatherization☐

#	Material / Labor	Description / Comment	Units	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
	Health and Safety	LSW	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other Detail									
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Measure Sub Total:						<input type="text"/>	Sub Total:		<input type="text"/>

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**Measure 8 Smoke Detector is Needed****Components****Inspected****Comment** SMOKE DETECTORS☐

Install a total of 2 smoke detectors. Smoke detectors must either be hard-wired or detector must have tamper proof long life lithium batteries.

#	Material / Labor	Description / Comment	Units	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
	Labor	labor		2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Health and Safety	Smoke alarm w/ tamper resistant lithium battery	Each	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Measure Sub Total:****Sub Total:****Field Notes:****Work Order Grand Total:****Grand Total:**

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